ABSTRACT OF THE DISCLOSURE

A lens holder (101) holds an objective lens (4) and a support shaft (103) is inserted in a bearing hole (101a) in the lens holder (101). Light that is emitted from a light source and reflected by an information recording medium enters two light receiving parts, which output currents (I21a, I21b) responsive to the amounts of light received. A controller (109) applies a current (I96) based on the difference between the currents (I21a, I21b) to coils (116a) in an inclination drive unit (106). By interaction between the coils (116a) and magnets (116b), the lens holder (101) is turned on a first axis (I) while the light source and other components are secured. Fluids provided in the bearing hole (101a) further improve the vibration-resisting properties.